

STAT

28 November 1967

Contracts Manager
P. O. Box 485
Los Altos, California 94022

Gentlemen:

Subject: Contract

This letter serves to summarize Step 1 progress and report an estimated completion date.

In an attempt to satisfy the difficult resolution requirements of the zoom system, five approaches were taken, namely:

1. Two zoom system
2. One zoom system
3. Single barrel zoom system interchangeable auxiliary
4. Two barrel zoom system in tandem
5. Single barrel system expanded surfaces (48) program

These approaches, with potential schedule delays, were undertaken with customer concurrence.

Analysis has been conducted on all five approaches. The two zoom system of ranges 3X to 30X and 25X to 70X has been selected as the system most likely to meet or exceed the requirements. The 25X to 70X barrel is analytically complete. The 3X to 30X barrel is in final optimization with analysis to be completed about 15 December 1967. Data for customer review is expected by approximately 20 December 1967. plans to continue optimization and analysis during customer review to insure maximum compliance to the requirements.

Should further information be required, please contact the undersigned.

~~Very truly yours~~

Senior Contract Administrator

JM:dml

Declass Review by NGA.